

Serial No. 09/512,411

Remarks

Claims 1-19 are pending in the application.

Status of Claims

Claims 1 to 19 have been rejected under 35 USC(102)(e) for lack of novelty over US 6,047,327 ("Tso").

Claims 4, 11, 15, 19 have been rejected under 35 USC 103(a) for obviousness over Tso in view of US 5,903,735 ("Kidder").

Claim 1

Claim 1 has been amended to further clarify the distinction over the cited art.

Tso does not disclose or suggest at least the following feature of amended claim 1: "a modified reply message of an Internet Protocol packet having a source address of the mobile node's care-of address in place of the mobile node's home address" (emphasis added).

On the contrary, Tso appears to relate to transmission of InfoBite packets that apparently lack such address fields, see Tso, column 8, TABLE 1. As explained in Tso, see column 16 lines 24 to 43, if a mobile terminal roams it sends a request for configuration message to update the database accessible by InfoBite serves for mapping cell ID to physical location and physical location to domain, such that its new domain is known, see also column 18, lines 26 to 50. InfoBite messages are then sent to mobile terminals as SMS broadcasts, Tso, column 12 lines 26 to 34. The existence or structure of "a modified reply message" is not apparently disclosed in Tso.

The present invention has significant practical advantages over a known technique of tunnelling packets as one could speculate might be usable in the system according to Tso.

The known technique of tunneling is described in page 1 line 28 to page 4 line 4 of the present application, and has the disadvantage explained in the present application. In particular the flow identifications necessary for QoS provision become hidden, see also page 9 line 11 to page 12 line 5 of the present application.

Serial No. 09/512,411

In contrast to that, in the present invention, replacement of a mobile node's home address by a mobile node's care of address enables flow identification information to be tracked, (e.g. page 12 line 6 to 13 of the present application) for example enabling correct handling of RSVP protocol so as to provide quality of service, see e.g. page 19 lines 22 to page 19 line 30 of the present application. This is a significant practical advantage.

Claims 2 to 11

Claims 2 to 11 are patentable at least on the basis that they each depend on an allowable amended independent claim 1.

Claim 12

Claim 12 is amended in line with claim 1 to require a proxy device... for "generating a modified reply message of an Internet Protocol packet having a source address of the mobile node's care-of address in place of the mobile node's home address" (emphasis added).

The arguments present above in support of claim 1 apply to claim 12 also.

Claims 13 to 15

Claims 13 to 15 are patentable at least on the basis that they each depend on an allowable independent claim 12.

Claim 16

Claim 16 is amended in line with claim 1 to require a proxy device... for "generating a modified reply message of an Internet Protocol packet having a source address of the mobile node's care-of address in place of the mobile node's home address" (emphasis added).

The arguments presented above in support of claim 1 (and claim 12) apply to claim 16 also.

A minor amendment to wording has been made to claim 16 line 2.

Claims 17 to 19

Claims 17 to 19 are patentable at least on the basis that they each depend on an allowable independent claim 16.

BEST AVAILABLE COPY

Serial No. 09/512,411

Conclusion

It is respectfully submitted that the Office Action's rejections have been overcome and that this application is now in condition for allowance. Reconsideration and allowance are, therefore, respectfully solicited.

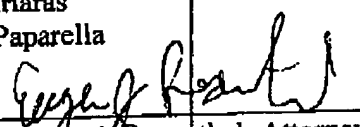
If, however, the Examiner still believes that there are unresolved issues, he is invited to call applicant's attorney so that arrangements may be made to discuss and resolve any such issues.

In the event that an extension of time is required for this amendment to be considered timely, and a petition therefor does not otherwise accompany this amendment, any necessary extension of time is hereby petitioned for, and the Commissioner is authorized to charge the appropriate cost of such petition to the Lucent Technologies Deposit Account No. 12-2325.

Respectfully,

X. Chen
I. Kriaras
A. Paparella

By


Eugene J. Rosenthal, Attorney
Reg. No. 36,658
732-949-1857

Lucent Technologies Inc.

Date: 3/24/06

BEST AVAILABLE COPY